

Readings taken Feb-Aug 2006

COGCC Noise Survey

(Red Numbers Indicate Values Calculated From Data Measured At Distances Other Than 350')
 (A N means A scale 350' North, A E means A scale 350' East, C N means C scale 350' North, ect.)

Revised 9/17/2006

INSPECTOR	TYPE OF FACILITY	PUMPING UNIT	A N	A E	A S	A W	C N	C E	C S	C W	COMMENTS
Dave Graham	Ambient noise level		37.3	37.3	37.3	37.3	54.8	54.8	54.8	54.8	
Ed Binkley	Ambient noise level		35.6	36.8	36.6	38.2	55.5	58.8	60.2	64.6	Nearest residence 600' W.
John Duran	Ambient noise level		39.5	35.5	35.0	39.5	49.1	50.2	51.2	47.8	
Ed Binkley	Ambient noise level		39.0	39.0	40.0	40.0	54	54	56	56	
Ed Binkley	Ambient noise level		38.2	36.4	35.8	40.4	58.3	56.6	57.6	62.2	Nearest residence 1000' N.
John Duran	Ambient noise level		37.7	39.4	38.2	40.9	51.7	49.5	50.6	47.9	
John Duran	Ambient noise level		40.5	41.7	39.9	40.8	61.7	58.8	61.2	60.7	
Ed Binkley	Ambient noise level		40.0	40.0	46.0	46.0	55	55	62	62	
Ed Binkley	Ambient noise level		43.0	43.0	49.0	49.0	62	62	69	69	
Dave Graham	Ambient noise level		49.9	49.9	49.9	49.9	61.1	61.1	61.1	61.1	Reading near highway. Nearest residence 350'.
Dave Graham	Cementing Operation		62.2	63.5	66.2	64.4	75.1	76	76.3	74.8	Nearest residence 3500' N.
Jim Precup	Compressor		41	39	40	39	66	63	64	62	Small 5 HP compressor. Small muffler. Exhaust to E. Nearest structure 1200' E.
Dave Graham	Compressor		42.3	41.1	47.4	41.4	63.1	65.2	68.4	67.5	Units in buildings. Nearest structure 1500' SW.
Dave Graham	Compressor		47.2	46.8	46.2	46.1	58.2	66	60	65	Mufflers. Noise fence. Nearest structure 1200' S.
Dave Graham	Compressor		46.4	46.3	47.5	46.3	66.2	63.2	65.4	66.4	Mufflers. Nearest structure 1400' SW.
Jim Precup	Compressor		40	42	49	50	62	66	66	70	Compressors in building. Exhaust to W. Nearest structure 1250' N.
Jim Precup	Compressor		53	48	52	50	78	73	75	72	Skid mounted unit. Exhaust to W. Nearest structure 2500' NE.
Mark Weems	Compressor		49.7	48.2	54.2	51	71.3	68.4	70.2	68.9	Nearest structure 600' E.
Dave Graham	Compressor		50	52.2	53.2	53.6	66.7	65.6	66.6	66.2	Four compressors. Horizontal mufflers. Nearest structure 3500' E.
Jay Krabacher	Compressor		55	46	43		86	78	60		Fully enclosed metal building. Nearest structure many miles.
Mark Weems	Compressor		48.9	54.5	51.5	55.2	71.6	70.8	71.7	72.5	Compressors in buildings plus sound walls. Nearest structure 3/4 mile N.
Dave Graham	Compressor		53.2		54.9	55.3	66.5		71.4	68.3	Mufflers.No buildings. Nearest structure 1500' N.
Jay Krabacher	Compressor		56	52.3	49	39.7	69	74.3	75	66.7	Unit in metal building. Nearest structure 4000' S.
Dave Graham	Compressor		50.1	55.6	51.1	52.2	67.7	77.7	71.4	70.1	Compressors not enclosed. Mufflers verticle. Nearest structure 2500' east.
Dave Graham	Compressor		51.8	56.2	54.1	54.2	71.2	76.4	74.2	74.1	Units in metal buildings. Nearest structure 3500' E.
Jay Krabacher	Compressor		47.7	49.4	43.4	57.4	70.7	84.4	68.4	85.4	Metal buildings. Wood wall to NE. Nearest structure 350 NE.
Dave Graham	Compressor		52.3	56.7	56.4	52.4	72.2	74.1	67.8	73.3	Units in buildings. 2 units. Nearest structure 2500' S.
Dave Graham	Compressor		55.2	54.4	56.6	56	64.4	64.2	66	66.4	Mufflers. Nearest structure 3000' E.
Dave Graham	Compressor		58.8	46.1	48.1	45.6	72.6	55.1	59.9	56.6	Large verticle mufflers. Nearest structure 2500' SE.
Mark Weems	Compressor		51.2		50	58.5					Sound walls. Nearest structure 1/2 mile S.
Dave Graham	Compressor		56.4	57.4	58.5	55	66.7	70	69.9	66.6	Mufflers. 1 compressor. Nearest structure 3000' E.
Jay Krabacher	Compressor		56	53.7	51.1	60	85	75.7	80.1	80	Unit in metal building. Nearest structure 3500' W.
Mark Weems	Compressor		61.5	56.6	48.4	57.6	78.2	71.3	70.8	73.5	Two compressors in buildings plus sound walls. Nearest structure 2640' SE.

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<u>INSPECTOR</u>	<u>TYPE OF FACILITY</u>	<u>PUMPING UNIT</u>	<u>A N</u>	<u>A E</u>	<u>A S</u>	<u>A W</u>	<u>C N</u>	<u>C E</u>	<u>C S</u>	<u>C W</u>	<u>COMMENTS</u>
Jay Krabacher	Compressor		56	55	54	63	81	80	78	80	Unit in metal building. Nearest structure 2500' NW
Jay Krabacher	Compressor		59	62	63	64	80	79	81	81	No mitigation. Nearest structure 1 mile E & SW.
Jay Krabacher	Compressor		65	56	48	47	90	86	62	63	Unit is in metal building with doors open. Nearest structure 2600' S
Jay Krabacher	Compressor		49	54	53	65	69	75	66	83	No mitigation. Nearest structure over 3 mile South.
Dave Graham	Compressor		57.1	64.2	65	63.1	74.3	77.6	77.4	76.5	Horizontal mufflers. Exhaust to S.
Jay Krabacher	Compressor		58	59	66	62	80	79	82	80	No mitigation. Nearest structure 1 mile W.
Dave Graham	Compressor		60	60.5	66.2	65.2	74.2	74.3	77.2	76	Mufflers. 2 units. Nearest structure 2550' S.
Dave Graham	Compressor		66.1	64.4	65.6	64.2	72.3	78.8	77.7	75.1	Horizontal mufflers. Exhaust to S.
Dave Graham	Compressor		64.4	62.2	63.1	66.2	79.2	76	77.2	79.9	Mufflers. Nearest structure 1650' SE. Interstate traffic effects readings.
Dave Graham	Compressor		61.2	66.9	62	61.1	69	76.3	69.2	72.2	Units in metal buildings. 2 units.
Dave Graham	Compressor		60.2	67.4	66.3	62.2	74.3	85.1	84.6	77.1	Units in buildings. 5 units.
Jay Krabacher	Compressor		59	66	67	68	73	76	79	84	Drilling rig 300' north. Nearest structure 1/2 mile SW
Dave Graham	Compressor		65.8	65	62.2	68	81	82.9	81.3	84.5	No mitigation. 4 units. Nearest structure 1 mile S.
Jay Krabacher	Compressor		70.4	60.4		49.4	86.4	82.4		73.4	Metal buildings. Wood wall to west. Nearest structure 350 west.
John Duran	Compressor		63.4	70.4	55.2	59.4	83	86.4	79.1	82.6	Berm on West side. Nearest structure 1500' W.
Jay Krabacher	Compressor		54	71	61.6	54.6	65	91	80.6	65.6	Unit in metal building. Nearest structure 4100' W.
Jim Precup	Compressor		60.5	60.6	70.0	65.5	79.5	80.6	86.6	83.5	Compressors inside buildings. Nearest structure 1500' NE
Jay Krabacher	Conditioning Station		61	67	56.5	54	79	87	74.5	74	Units in metal buildings. Nearest structure 1 mile W.
Jay Krabacher	Dehydrator		47	51	51.9	52	69	76	67	78	Unit in metal building. Nearest structure 1mile E.
Dave Graham	Dehydrator		55.3	57.6	50.2	50.4	75.6	73.5	68.3	66.7	No mitigation. Nearest structure 1900' West.
John Duran	Drilling rig		37.6	39.5	34.7	41	54.7	53.8	54.1	54.6	Muffler . Nearest residence 2000' SE
Jay Krabacher	Drilling rig				46.4	40.1			82.4	85.1	No mitigation. Nearest structure 1100' NE.
Dave Graham	Drilling rig		47.2		48.4	49	59.7		63.3	64.4	No mitigation.
Dave Graham	Drilling rig		48.9		49.2	47.1	59.9		61.3	62.4	No mitigation. Nearest structure several miles S.
Dave Graham	Drilling rig		50.1	52.2	50.1	50.3	66.1	61.3	62.7	62.4	Rig is 50 yds from compression facility. Nearest structure 1 mile S.
Jim Precup	Drilling Rig		55	49	54	53	74	70	73	69	Verticle mufflers. Nearest residence 1500' E.
Dave Graham	Drilling rig		51.4	52.4	53.5	54.8	62.4	62.7	64.8	62.2	Nearest structure 3000' W.
Dave Graham	Drilling rig		52.2	56.4	56.6	51.1	69.1	73.3	72.2	71.2	Nearest structure 1500' N.
Dave Graham	Drilling rig		57.2	55	53.2	53.4	67.8	68.1	64.7	66.5	No mitigation. Nearest structure 1500' N.
Jay Krabacher	Drilling rig		52	55	59	45	85	87	78	68	Generators in modular units. Nearest structure 1 mile away.
Dave Graham	Drilling rig		54.2	56.1	56.2	58.6	65.1	66.6	65.2	69.6	Truck mounted drilling rig. Noise walls on rig.
Dave Graham	Drilling rig		58.8		57.7		71.4		72.1		No mitigation. Nearest structure 1800' W.
Jay Krabacher	Drilling rig		46	48	58	60	65	71	73	70	Nearest structure 630' NW
Ed Binkley	Drilling rig		55.4	46.7	60.3	58.3	75.1	67.7	74.2	74.7	Mufflers on engine. Nearest structure 4000' SE..
Mark Weems	Drilling rig		61.1	52.8	52.2	58.8	78.2	69.4	71.4	79.1	No mitigation. Exhaust strait up.
Dave Graham	Drilling rig		56.6	60.2	62.4	61.6	67.2	68.9	71.4	71.4	Noise walls on sides. Nearest structure 1/4 mile N.
Dave Graham	Drilling rig		62.5	58.9	57.2	60	74.5	70.1	71	71.5	Mufflers.
Jim Precup	Drilling rig		60	56	62	63	75	68	71	75	Mufflers. Nearest structure 500' NW.

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Dave Graham	Drilling rig		63.3	61.1		59.9	73	72.4		70	Mufflers
Jay Krabacher	Drilling rig		63.7	48	62.2	52.7	70.7	78	94.2	70	No mitigation. Nearest structure 2 miles away.
Ed Binkley	Drilling rig		60	56	48	64	79	77	71	81	Mufflers on engines. V door to north.
Jim Precup	Drilling Rig		64	62	58	63	75	82	71	83	Normal mufflers. Nearest residence 1200' SW.
Mark Weems	Drilling rig		62.7	64.8		54.4					
Dave Graham	Drilling rig		58.9	65.3	62.2	64.3	72.5	71.8	74.5	69.8	Mufflers. Nearest structure 1000' NW.
Ed Binkley	Drilling rig		43.1	51.2	66.2	48.8	67.9	67.1	74.5	67.9	Mufflers on engines. Engines idling during measurement.
Ed Binkley	Drilling rig		60.3	58.1	51.9	65.6	78	82.4	72.4	81	Mufflers on engines. Engines on west side.
Jay Krabacher	Drilling rig		66	62	56	52	76	77	70	75	No mitigation. Nearest structure 1.5 miles away.
Jay Krabacher	Drilling rig		63	66			84	87			Nearest structure 3/4 mile SE
Dave Graham	Drilling rig		64.4	67.5	65	66.7	5.7	78.6	74.2	77.2	Nearest residence 3000' NW
Jay Krabacher	Drilling rig		77.5	49.4	71.7		89.5	71.4	88.7		No mitigation. Nearest structure 1 mile away.
Jay Krabacher	Drilling rig		71.7	73	72	80	84.7	89	88	93	No mitigation. Nearest structure 2 mile E.
Jim Precup	Pipeline Pig Catcher			81.2							
Dave Graham	UIC Well Inj Pump	Gas Engine	45.1	44.5	42.7	48.3	64.5	64.2	62.4	67.7	Nearest structure 1100' NE. Exhaust to East.
Jim Precup	Well Site	Ajax	35	36	34	35	52	51	51	50	New muffler. Exhaust to W.
Jim Precup	Well Site	Ajax	38	37	37	36	55	56	57	54	New muffler. Exhaust to W. Nearest structure 500' S.
Jim Precup	Well Site	Ajax	37	34	39	39	64	57	63	68	Muffler. Exhaust to N. Nearest structure 5280' N.
John Duran	Well Site	Ajax	36.4	38.3	34.5	39.5	53.6	54.1	55.2	53.9	No noise mitigation. Exhaust to E. Nearest residence 3000' E.
John Duran	Well Site	Ajax	36.6	40.7	39.5	40.9	51.6	54.9	59.8	59.8	No noise mitigation. Exhaust to S. Nearest residence 1 mi. S.
John Duran	Well Site	Ajax	38.5	39.9	41.1	37.6	59.6	59.5	57.8	60.1	Muffler. Exhaust to W.
Jim Precup	Well Site	Ajax	42	36	38	39	65	55	68	66	Building open on N side. Nearest structure 1000' S.
John Duran	Well Site	Ajax	40.1	38.8	39.9	41.5	61.1	60.9	61.3	60.1	Shed. Exhaust to W.
John Duran	Well Site	Ajax	43.2	40.9	41.7	42.3	60.1	62.1	59.8	59.3	Exhaust to E.
Jim Precup	Well Site	Ajax	40	40	40	44	62	62	60	64	Muffler. Exhaust to W. Nearest residence 1400' E.
Kevin Lively	Well Site	Ajax	41.9	43.8	41.3	44.3	71.4	68.2	66.7	68.3	Muffler. Exhaust to E.
Jim Precup	Well Site	Ajax	44	43	44	42	61	62	62	62	Homemade muffler. Exhaust to W. Nearest residence 2600' W
Jim Precup	Well Site	Ajax	40	45	42	40	60	61	60	59	Truck muffler. Exhaust to E. Nearest residence 1250' W.
Kevin Lively	Well Site	Ajax	44.4	45.1	40.1	40.9	69.8	68	67.4	65.6	Muffler. Exhaust to N. Nearest residence 2600' SE.
Jim Precup	Well Site	Ajax	42	41	43	45	66	66	66	76	Small muffler. Exhaust to W. Nearest structure 5280' N.
Jim Precup	Well Site	Ajax	43	45	41	42	61	60	61	61	Homemade muffler. Exhaust to E. Nearest residence 5280' S.
Jim Precup	Well Site	Ajax	42	45	40	45	67	73	67	66	No muffler. Exhaust to N. Nearest structure 1300' S.
Jim Precup	Well Site	Ajax	40	36	44	46	65	60	62	64	Muffler. Shed over engine. Exhaust to N. Nearest structure 6500' S.
Jim Precup	Well Site	Ajax	43	46	43	38	65	65	65	61	Truck muffler. Exhaust to down. Nearest structure 1200' W.
Jim Precup	Well Site	Ajax	37	47	45	44	59	60	58	66	Muffler. Exhaust to S. Nearest structure 600' S.
Jim Precup	Well Site	Ajax	42	40	45	47.5	62	60	64	62.5	Shed over engine. Exhaust buried facing S. Nearest structure 1 mile S.
Kevin Lively	Well Site	Ajax	48.1	47.4	45	41.8	72.9	73.1	69.8	69.9	Muffler. Exhaust to E.
Jim Precup	Well Site	Ajax	48	45	43	47	62	61	62	62	No mitigation. Nearest residence 2600' E.

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Jim Precup	Well Site	Ajax	44	49	45	43	70	64	67	64	Homemade muffler. Exhaust to S. Nearest residence 900' E.
John Duran	Well Site	Ajax	49.1	46.6	45.3	47.9	68	66.5	62.6	65.7	No noise mitigation. Exhaust to N. Nearest residence 2 mi SE.
Jim Precup	Well Site	Ajax	50	41	41	48	70	67	67	67	No muffler. Exhaust to N. Nearest structure 7000' E.
Jim Precup	Well Site	Ajax	45	46	46	50	67	67	64	70	Truck muffler. Exhaust to E. Nearest structure 1200' NW.
Jim Precup	Well Site	Ajax	49	51	42	50	75	70	66	70	Truck muffler. Exhaust to N. Nearest structure 1300' NE.
Jim Precup	Well Site	Ajax	41	50	52	51	63	65	68	66	Muffler. Exhaust to S. Nearest structure 1400' S.
Kevin Lively	Well Site	Ajax	53.7	43.9	45.4	47.9	75.5	61.7	63.5	64.9	Muffler. Nearest structure 5000' E.
Jim Precup	Well Site	Ajax	54	44	45	53	81	64	67	79	No muffler. Exhaust to W. Nearest structure 2700' N.
Kevin Lively	Well Site	Ajax	51.6	54.4	49.8	53	73.8	74.4	70.3	84.9	No mitigation. Nearest structure 3800' NE. S reading 20' below pad.
Jim Precup	Well Site	Ajax	44	49	56	49	60	65	72	65	Muffler directed south. Nearest structure 1000' NE.
Kevin Lively	Well Site	Ajax	56.5	52.6	47.6		72.5	71	71.2		Muffler exhaust to SE. Nearest structure 2800' S
Kevin Lively	Well Site	Ajax	51.5	52.3	48.3	57.7	70.5	72.2	71.3	73.2	No mitigation. Nearest structure 15,000' E.
Kevin Lively	Well Site	Ajax	55.4	54.2	56.7	63.1	84.5	80.3	78.2	83	No mitigation. Nearest structure 1 mile away.
Kevin Lively	Well Site	Ajax	62.6	63.2	57.7	63.8	79	82.9	76.2	78.3	No noise mitigation. Exhaust to N. Nearest residence 10,000'.
Kevin Lively	Well Site	Ajax	59.3	56.4	55	64.2	73.7	73.8	71	79	No mitigation. Nearest structure 4000' NE
Kevin Lively	Well Site	Ajax	64.6	59.2	56.2	55	79.8	73.7	73.7	70.1	No mitigation. Nearest structure 4650' SW
Kevin Lively	Well Site	Ajax	66.3	65.88	59.9	64.95	87.6	84.5	79.4	81.6	No mitigation. Nearest structure miles away.
Kevin Lively	Well Site	Ajax	68.7	49.5	53.6	68.5	86.2	72	72.4	74	Muffler exhaust to West. Nearest structure 15,000'
Kevin Lively	Well Site	Ajax	69.9	62.6	66.2	67.3	87.9	83.8	82.58	80.29	No mitigation. Nearest structure miles away.
John Duran	Well Site	Electric motor	37.6	36	36.9	35.9	53.3	54.9	53	56.9	Nearest residence 2500' south
John Duran	Well Site	Electric motor	37.2	37.5	37.3	38.2	48.2	49	49.8	52.3	Shed around part of pump jack. Nearest residence 1 mi South.
John Duran	Well Site	Electric motor	36.5	38.7	38.5	37.8	54.2	53.7	53.7	55.2	Shed around part of pump jack. Nearest residence 3000' south.
John Duran	Well Site	Electric Motor	33.8	38.9	38.2	34.8	53.7	56.5	53.2	51.5	No noise mitigation. Nearest residence 3000' W.
Jim Precup	Well Site	Electric motor	39	36	39	39	60	60	60	60	Nearest structure. 1250' to E.
John Duran	Well Site	Electric motor	38.9	39.1	37.3	38.5	59.2	58.8	60.1	59.3	
Jim Precup	Well Site	Electric Motor	38	38	40	38	59	54	60	60	No mitigation. Nearest residence 2500' S.
Jim Precup	Well Site	Electric Motor	36	40	40	40	56	60	60	59	No mitigation. Nearest residence 1800' W.
John Duran	Well Site	Electric motor	39.6	36.6	40.2	38.8	58.8	59.9	59.6	57.6	Nearest structure 5300' N.
John Duran	Well Site	Electric motor	39.6	40.0	38.7	37.6	58.9	59.7	60.1	58.9	
John Duran	Well Site	Electric Motor	36.9	39.8	40.1	39.4	56.7	59.8	55.9	58.6	No noise mitigation. Nearest residence 3000' S.
Jim Precup	Well Site	Electric Motor	39	39	41	39	59	59	60	59	No mitigation. Nearest residence 1200' W.
John Duran	Well Site	Electric motor	40.1	40.3	39.5	40.5	60.1	61.3	59.8	60.5	
Jim Precup	Well Site	Electric Motor	41	42	42	41	61	60	60	60	No mitigation. Nearest residence 1800' N.
John Duran	Well Site	Electric motor	41.6	40.8	41.6	40.3	59.8	62.1	62.3	60.8	
John Duran	Well Site	Electric motor	42.1	41.9	38.6	39.3	60.5	58.7	59.1	57.7	
Jim Precup	Well Site	Electric Motor	42	43	42	42	60	60	60	60	No mitigation. Nearest residence 2600' N.
Jim Precup	Well Site	Electric Motor	45	47	46	42	62	60	60	60	No mitigation. Nearest residence 1500' S.
John Duran	Well Site	Gas Engine	36	36.5	34.4	37.5	55	56	56.3	58.1	No noise mitigation. No residence.

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John Duran	Well Site	Gas Engine	32	37.1	37.7	44.8	48.9	52.2	52.9	59.4	Muffler. Exhaust to S. Three noise baffling walls.
Jim Precup	Well Site	Gas Engine	38	37	38	37	59	58	55	56	Small muffler. Exhaust to E.
Mark Weems	Well Site	Gas engine	38.4	39.9	37.5	39.2	50.2	49.2	52.7	52.9	3 sound walls. Hospital mufflers. Exhaust to N. Nearest structure 350' S.
John Duran	Well Site	Gas Engine	39.6	38.5	40.1	40.2	58.7	59.6	57.7	59.9	Shed. Exhaust pointed up.
John Duran	Well Site	Gas Engine	38.7	39.6	40.1	37.6	58.7	59.9	59.7	58.3	Muffler. Exhaust to W.
John Duran	Well Site	Gas Engine	40.1	37.1	32.4	38.1	55.8	59.7	48.9	48.8	Muffler. Exhaust to W.
John Duran	Well Site	Gas Engine	40.1	38.4	38.3	37.4	57	58.4	58.4	56.8	No noise mitigation. No residence
Ed Binkley	Well Site	Gas Engine	41.0	40.0	39.0	40.0	66	66	65	64	Muffler
John Duran	Well Site	Gas Engine	41.0	37.6	39.1	40.6	59.7	61.3	58.7	59.3	Muffler and three sound walls. Exhaust to W.
Dave Graham	Well site	Gas Engine	42.2	41.3	41.2	41.3	59.4	59.7	60	58.7	No noise mitigation. Nearest residence 1 mile E.
Dave Graham	Well site	Gas Engine	41.2	40.3	42.7	41.1	60.3	59.8	62.2	61.1	No noise mitigation. Nearest residence 3500' E.
John Duran	Well Site	Gas Engine	40.9	41.7	43.2	39.3	58.3	59.1	56.2	57.6	Shed around engine. Exhaust to E. Nearest residence - none.
Mark Weems	Well Site	Gas engine	41.4	42.3	38.9	43.3	55.3	55.5	53.8	56.8	Muffler. Exhaust to W. Nearest structure 600' S.
John Duran	Well Site	Gas Engine		44	42.6	40.4		67.4	62.4	63.7	Muffler on engine. Three noise baffling walls.
John Duran	Well Site	Gas Engine	42	42.7	34.1	44.4	54.7	55.3	52.3	55	Noise shed. No residence.
Mark Weems	Well Site	Gas Engine	46	45.2	42.3	41.8	67.4	68	66.2	69.2	Buried muffler.
John Duran	Well Site	Gas engine	46.2	39.1	42	44.8	59.1	57.5	58.9	63.5	4 noise walls and muffler.
Mark Weems	Well Site	Gas Engine	45.8	46.4	39.8	39.2	66.2	66.6	66.6	66.7	Buried muffler. Nearest structure 600 N.
John Duran	Well Site	Gas engine	46.3	43	47.1	42.2	54.7	61	62.8	61.9	3 walls around pump, 3 walls around engine. Nearest structure 2000 S.
Jay Krabacher	Well Site	Gas Engine	30	41	37.9	47.1	46.3	69	46.9	62.1	No mitigation.
John Duran	Well Site	Gas engine	45.3	47.2	40.5	44.9	63.7	50	62.9	58.3	Muffler. Nearest structure 1 mile S.
John Duran	Well Site	Gas Engine	47.6	44.2	44.9	48.4	61.4	55.7	63.9	58.7	No noise mitigation. Exhaust to W. Nearest residence - none.
Mark Weems	Well Site	Gas Engine	47.5	47		44.2	63.6	62.2		62.3	Mufflers. Nearest structure 1320' S.
Mark Weems	Well Site	Gas Engine	48.1	42	40.4	42.4	61.3	67.2	54.5	62.6	Mufflers. Nearest structure 500' E.
Dave Graham	Well site	Gas Engine	50.6	51.1	49.2	48.2	60.3	67.2	65.7	65	Noise curtains on trailers. Nearest residence 2500' E.
John Duran	Well Site	Gas engine	45.3	51.4	49.8	52.9	50.3	71.8	72.2	71.6	Muffler. Nearest structure 1 mile W.
Jim Precup	Well Site	Gas Engine	49	44	49	54	78	65	88	77	Muffler to exhaust box directed N. Nearest structure 2500' NW.
John Duran	Well Site	Gas engine	54.2	49.2	55	49.9	78.6	71.5	66.4	68.1	3 walls around pump, 5 walls around engine. Nearest structure 1000 N.
Jay Krabacher	Well Site	Gas Engine	52	55.7	55.5	55	69	61.7	62.5	75	No mitigation. Nearest structure 1.5 miles NW.
Kevin Lively	Well Site	Gas Engine	48.1	55.6	48.2	55	73.5	83.1	70	71.6	Muffler exhaust pointed down. Nearest structure 10,000' south
John Duran	Well Site	Gas engine	46.2	47.1	56.2	53.8	66.9	66.3	72.1	69	No noise walls. Muffler. Exhaust to E.
John Duran	Well Site	Gas engine	55.7	55.8	52	56.9	72.4	73.1	73.7	59.7	Muffler. Nearest structure 1/2 mile N.
Jay Krabacher	Well Site	Gas Engine	52	48	43	60	61	75	62	74	Well in shed. Nearest structure several miles.
Kevin Lively	Well Site	Gas Engine	61.9	49.3	55.3	50.3	76.3	87.3	71.3	77.1	No mitigation. Nearest structure 900' NW (See N reading)
Jay Krabacher	Well Site	Gas Engine	67	62	61	47	86	83	85	78	No mitigation. Nearest structure many miles.
Jay Krabacher	Well Site	Gas Engine	61	49	69	70	82	76	83	89	No mitigation. Nearest structure many miles.
Ed Binkley	Well Site	Plunger lift	36.1	36.8	35.6	36	52.3	56	53.7	53	Nearest residence 4000' S.
Ed Binkley	Well Site	Plunger lift	35.2	35.1	36.4	39.3	54.8	54.1	54.6	55.1	Nearest residence 1800' S.

<u>INSPECTOR</u>	<u>TYPE OF FACILITY</u>	<u>PUMPING UNIT</u>	<u>A N</u>	<u>A E</u>	<u>A S</u>	<u>A W</u>	<u>C N</u>	<u>C E</u>	<u>C S</u>	<u>C W</u>	<u>COMMENTS</u>
Ed Binkley	Well Site	Plunger Lift	41.8	41.1	47.2	42.1	69	68.5	75.6	60	No mitigation. Nearest structure 3500' SE.
Ed Binkley	Well Site	Plunger Lift	48	39	38	45	79	65	62	74	No mitigation. Nearest structure over 1 mile away,.
Ed Binkley	Well site	Plunger lift	47	45	49	50	58	56	61	63	Nearest residence 2000' W.
Jay Krabacher	Well Site	No lift equipment	46	41.2	38	40.4	69	61.2	67	65.1	No mitigation. Nearest structure 1 mile W.
Ed Binkley	Well site	Tank vent compressor	47	46	48	49	56	55	58	60	Nearest residence 1500' W.
Ed Binkley	Workover rig		35.4	35.6	35.8	36.2	55.5	56	55.8	59.4	Nearest residence 4000' W.
Dave Graham	Workover Rig		52.2	54.4	51.7	50.1	64.6	65.1	63.2	62	Mufflers on motors. Rig was pulling pipe. Nearest residence 3500' N.
Ed Binkley	Workover rig.		36	52	40	45	63	63	70	79	Mufflers on engine. Nearest structure over 1 mile away.
Kevin Lively	Wray COGCC Hearing		57.45								

BAD DATA (Surveys taken too close to source to get accurate calculation at 350')

John Duran	Well Site	Gas Engine	21.8	21.4	25.8	22.9	31	33	31.6	32.7	No noise mitigation. No residences.
John Duran	Well Site	Gas Engine	26.1	22.1	21.6	26.1	35.7	36.8	37.8	34.4	No noise mitigation. No residences.
John Duran	Well Site	Gas Engine	26	27.1	21.2	24.1	34.8	39.6	36.3	35.3	No Noise mitigation. No residences.
John Duran	Well Site	Gas Engine	24.3	26	24.8	27.5	38.3	36.1	37.2	34.5	
John Duran	Well Site	Gas Engine	23.9	26.2	27.7	26.4	34.4	35	36.5	33.6	No noise mitigation. No residences.
John Duran	Well Site	Gas Engine	29.5	26.4	26	23.9	36.2	35.4	34.9	34.4	No noise mitigation. No residences.